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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/596,071	05/26/2006	Ulrich Begemann	P29681	1477
7055	7590	06/01/2010		
GREENBLUM & BERNSTEIN, P.L.C.			EXAMINER	
1950 ROLAND CLARKE PLACE			HALPERN, MARK	
RESTON, VA 20191			ART UNIT	PAPER NUMBER
			1791	
			NOTIFICATION DATE	DELIVERY MODE
			06/01/2010	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

[gpatent@gpatent.com](mailto:gpatent@gpatent.com)  
[pto@gpatent.com](mailto:pto@gpatent.com)

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/596,071	BEGEMANN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Mark Halpern	1791	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 15 March 2010.  
 2a) This action is **FINAL**.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 18-25,27,28 and 30-43 is/are pending in the application.  
 4a) Of the above claim(s) 39-42 is/are withdrawn from consideration.  
 5) Claim(s) 18-25,27,28,30-38 is/are allowed.  
 6) Claim(s) 43 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                         | Paper No(s)/Mail Date. _____ .                                    |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ . | 5) <input type="checkbox"/> Notice of Informal Patent Application |
|  | 6) <input type="checkbox"/> Other: _____ .                        |

**DETAILED ACTION**

1) Acknowledgement is made of Amendment received 3/15/2010.

Claims 18, 27, are amended, claim 26 is cancelled, and new claim 43 is offered for consideration.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2) Claim 43 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim 43, in lines 8-9, recites phrase "a metering rod structured and arranged to doctor off excess coating color and to calibrate a thickness of the web". The phrase part "and to calibrate a thickness of the web" was not described in the specification at the time the application was filed.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

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The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

- 3) Claim 43 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 43, in lines 8-9, recites phrase "a metering rod structured and arranged to doctor off excess coating color and to calibrate a thickness of the web". The phrase part "and to calibrate a thickness of the web" is not clear since it was not described in the specification at the time the application was filed.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

- 4) Claim 43 is rejected under 35 U.S.C. 103(a) as obvious over Ahonen (6,413,371) with or without Leyrer (6,964,993) or Andersen (5,766,525). Ahonen discloses a paper machine that includes a wire section 200, a pressing section 300, a drying section 400, a film press to apply a pigmented or color coating 500, a calender 700 downstream of the film press, and a winding reel 800 (Abstract, col. 4, line 44 to col. 5, line 59, and Figure 1). Ahonen is silent on the pigmented or color coating solids proportion, however, it would have been obvious to optimize the solids proportion in order to obtain

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desired product results. Also, the coating color solids proportion does not structurally differentiate the invention over the cited prior art. Ahonen does not expressly disclose "a metering rod structured and arranged to doctor off excess coating color and to calibrate a thickness of the web", however, it would have been obvious to one skilled in the art at the time the invention was made that the apparatus of Ahonen include a metering rod or a doctor blade to remove the excess coating in order to provide a smooth and improved quality coating. The application of coating and smoothing apparatus to adjust the coating thickness by removing excess with a doctor blade or a rod is well known in the papermaking art, as for example, disclosed by Leyrer (col. 1, lines 31-40) or by Andersen (col. 54, line 65 to col. 55, line 10). It would have been obvious to combine the teachings of Ahonen with Leyrer or Andersen, because such a combination would provide for a smooth and improved product quality coating in the paper machine of Ahonen.

***Allowable Subject Matter***

5) Claims 18-25, 27-28, 30-38 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

The cited prior art does not disclose a paper machine for making a paper web having structural features and arrangement claimed having a pressing section that includes in tandem two shoe press rolls and counter rolls and an additional third press (claim 18).

***Response to Amendment***

- 6) Claims 18-28, 30-38 rejection under 35 U.S.C. 112, first paragraph, is withdrawn in view of amended claim 18.
- 7) Claims 18-28, 30-38 rejected under 35 U.S.C. 112, second paragraph, is withdrawn in view of amended claim 18.

***Conclusion***

- 8) Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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9) Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark Halpern whose telephone no. is 571-272-1190.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571-272-1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

/Mark Halpern/  
Primary Examiner  
Art Unit 1791

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